

EMCal prototype, BNL Update 10/13/2015

Received scintillating fiber from Kuraray for EMCal blocks

½ sent to UIUC

½ at BNL ready to send to THP once they determine their cut segment length

Sipms should be in this week

Discussed a plan with Debrecen for them to pretest the sipms -
they will start by fully characterizing ~16 devices

Received block #IV for approval from THP ~9/21

- THP intentionally tried to increase the density of this block.

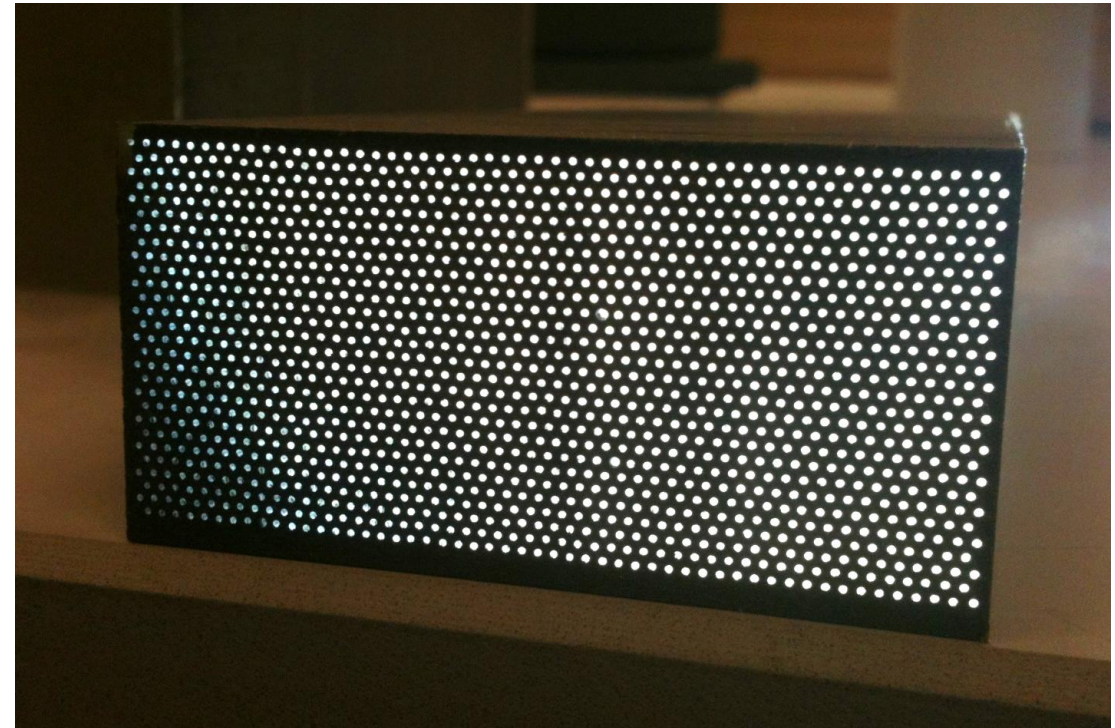
block density = 10.6 g/cc

- Had some dimensional issues

- Also screens were missing 2 rows of fibers.

- Tapered end had slant cut

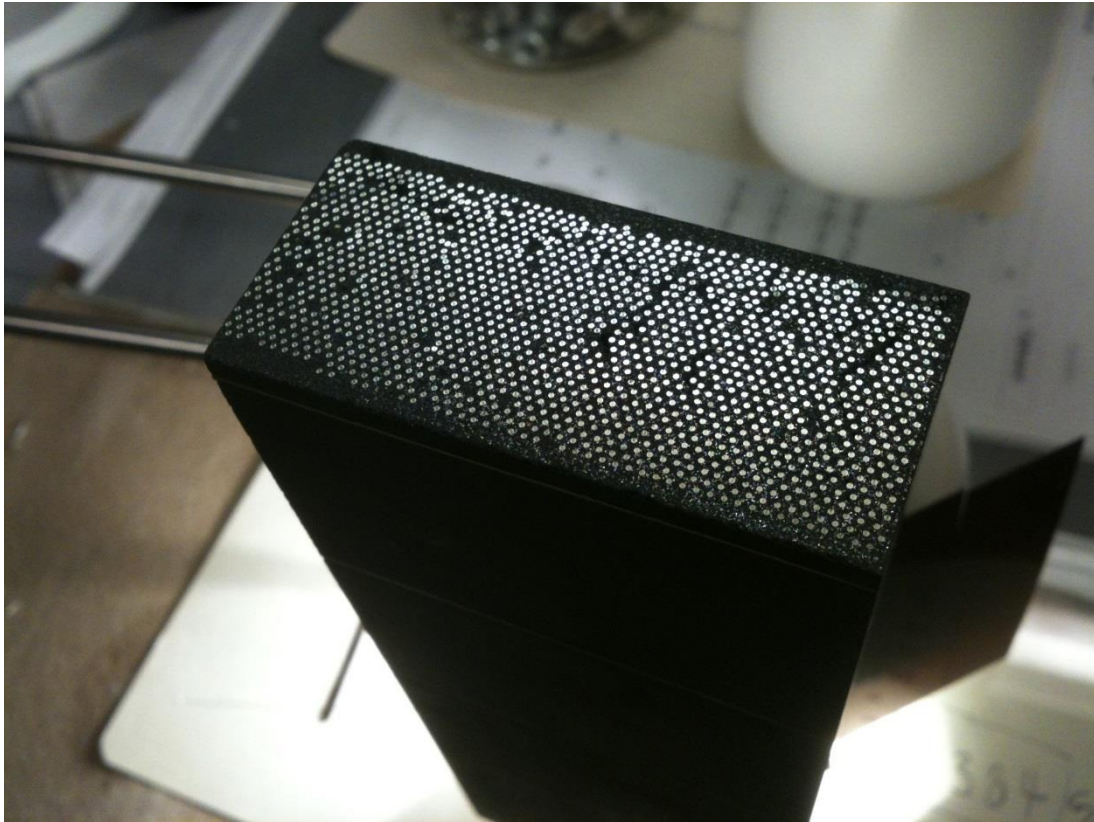
Thick end



Received block # V yesterday –

- both ends cut square, no clear epoxy regions
- still some problems with fiber positioning
- block Density (corr) ~ 9.52 g/cc

Sent enough cut fibers (today) to produce another test block



Thin end



Thick end